



2023

WELCOME TO YOUR

NEW PAVEMENT

earth wizards

earthwizards.co

paving for smart living



THANK YOU!

Whether you interacted with one or all of our team, we all appreciate your choice in hiring us for your project. As a small business we take on a lot of roles so you may have seen us in one or more of our various capacities.

- Derek Scheduling, Estimating, Foreman, Skid Operator
- Gary Guru
- Jay Truck Driver, Crew, Sales Technician
- Jeff Project Manager, Foreman, Skid Operator, Truck Driver
- Jordan Crew
- Liam Foreman, Truck Driver, Skid Operator, Estimating
- Lilas Office
- Luke Mechanic, Truck Driver, Crew
- Michelle Customer Support, Office
- Nick Truck Driver, Crew
- Roberto Concrete Lead, Crew
- Roger Skid Operator, Truck Driver
- Tori Eco Lead, Truck Driver, Crew
- Shelly Project Consultant
- Stacy Owner, Designer, Crew



FROM OUR FAMILY TO YOUR FAMILY

We take pride in our work and love what we do! Whether it was a driveway, garage apron, floor, sidewalk, patio with conventional or an earth-friendly pavement option our team works hard to make every project the best it can be. We hope you enjoy it for years to come!

With three generations (the 4th is growing!) of family working in the business together and woman-owned we take every project on as if it were our home. Please keep us in mind for any future property improvements, your neighbors, friends, family or any random person you meet. It's your referrals that keeps us all working hard.

Stacy Anderson, president
earth wizards





THINGS TO KNOW

WHEN CAN I DRIVE ON MY DRIVEWAY?

Your foreman will review this with you as weather and aspects of your site may differ but general guidelines:

ASPHALT: 7-10 days for parking. 3-5 days driving across the surface and parking in your garage.

CONCRETE: 14 days



DO I NEED TO APPLY A SEALER?

ASPHALT: Every 3-5 years you could opt to do an asphalt-based emulsion sealer to help maintain the fines of the aggregate in the surface. Additionally it provides a color enhancement. We suggest some sand in the material for fines and traction. Keep in mind you don't have to seal asphalt. It really is a personal preference. If you'd like to consider, we highly recommend Gopher State Sealcoat

CONCRETE: A cure and seal is applied the day the concrete was installed. On driveways or garage floors we will apply a second sealant. This application is designed specifically to help protect the surface from salt. It's a good idea to redo every 3-5 years.

THERE'S A CRACK!

With Minnesota's widely fluctuating temperatures, and often several swings in a short span of time (think spring), the freezing and thawing causing expansion and contraction movements to the pavement, the underlying base and subsoils native to your property take a beating. At some point there will be cracks and that is to be expected.

What to do? Once any crack widens to ~1/2" it's wise to put a crackfiller that will help prevent moisture from penetrating and softening underlying soils.

Concrete projects have either tool or saw cuts that have been done. The positioning of these joints is given much thought to encourage the movement to be focused to these areas. However, concrete has a mind of it's own and it will crack where it wants.

OTHER TIDBITS



! THINK EDGES

The weakest part of an asphalt surface due to the lack of side support. Avoid driving on the edges to prevent cracking or indentations from the weight of your vehicle. Within 2 weeks of installation it is a good idea to build up any lawn areas with topsoil, grass or garden beds to the top of the pavement edge and compact. Not only is this a good idea for your driveway but a more foot-friendly interaction for you, your family and guests.

OH SHUCKS, AN AUTOMOTIVE SPILL...

Asphalt is most prone to automotive spills deteriorating the surface. Avoid spilling or allowing gasoline, oil, anti-freeze, power steering and transmission fluids on your new surface. On either asphalt or concrete when spillage occurs spread a layer of sand on the spill to absorb the liquid. Take your foot or a broom and move the sand around to absorb fully. Then wash the area with detergent and water.



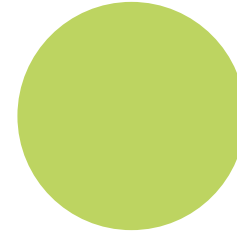
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BUT...IT'S BRAND NEW.

Both asphalt and concrete contain varying materials that will show inconsistencies in the surface. ASPHALT will appear different in some areas due to any hand raking necessary, seams and around structures. CONCRETE involves chemical reactions with the materials. As the concrete cures the surface will have varying colors/hues depending upon a variety of factors. Rest assured all is normal and know that the surface has been constructed for longevity of use.



ASPHALT SPECIFICS



POINTY OBJECTS

Ladders, trailer hitches, garbage dumpsters, lawn chairs, carjacks or any object that has a lot of pressure on a small surface can leave an indentation in your new driveway. Even several years later on a hot day if the oils of the asphalt soften it will be prone to this happening. When you need to use the driveway for these purposes place a piece of plywood (larger is better) to help distribute the weight loading.



HEAVY VEHICLES

Excessive weight from large, heavy vehicles can also create depressions to your new asphalt. When storing campers, boats, trailers and similar types of vehicles for long periods of time, place a piece of plywood under the tongue jack and also under the tires - or move the vehicle every couple of weeks slightly to change the position of where the tires are creating the most pressure. Discourage access of heavy vehicles such as concrete trucks, tree trimming, etc.

POWER STEERING

Turning your steering wheel without your vehicle moving will cause surface marks and depressions. When minor surface unevenness occurs it can be easily remedied on a warm sunny day. Take the ball of your foot on the high spot and twist your foot to move the material back in place. Surface marks over time will disappear as the driveway cures for 1-2 years.



CONCRETE SPECIFICS



SALT

Avoid de-icing chemicals that contain chloride compounds. This includes but is not limited to magnesium chloride, calcium chloride, sodium chloride and potassium chloride. Never use de-icing chemicals that contain ammonium sulfate, ammonium nitrate or potassium acetate. Most cities use harmful chlorides on the road which ultimately ends up on garage floors and driveways. When weather permits, shovel/sweep and re-use wisely on non-concrete areas, donate or dispose of wisely (not in the street that enters stormdrains that go to our lakes, rivers and streams). Consider other ways to keep your surface clean: prompt snow removal, using a light coating of sand or turkey grit (our preferred method) and it can be re-used year to year! Just sweep it up and put it in a bucket for next year.



FERTILIZERS

Containing substances that are also hard on concrete, fertilizers used for lawns or plant beds when oversprayed or granules that end up on the concrete can degrade the surface. If you need a boost to your yard consider compost, compost tea or mycorrhizae inputs. For plant beds compost is the wise choice as those extra nutrients provide a robust level of nutrients.



POP-OUTS/SCALING

It is not unusual to see some pop outs in your new concrete. A physical reaction occurs when a porous rock absorbs water, freezes and causes the rock to expand and fracture. Scaling can happen with the surface is exposed to freezing and thawing conditions. Poor aggregate quality relates to pop-outs and scaling occurs with granite mixes. We opt for a blend of both to help minimize either occurrence but due to harsh weather conditions, a diminishing supply of high quality aggregate and salts these issues will occur. Neither issue affect the integrity of the concrete, functionality or longevity of the surface but a penetrating sealer applied periodically will help significantly.

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We hope you enjoy your new pavement for years to come, that it makes your life easier and you know we very much enjoyed working with you! If at anytime you have a question or concern reach out to us. We love to hear from our customers



the **turtle**: we don't win the business race in our industry; instead we feel like our consistent hard working ethos, our genuine nature and concern for the earth while continuing to improve our construction processes to be kinder to the planet is well-represented by the **turtle**.

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